January/February (1) 1–34
March/April (2) 35–90
May/June (3) 91–136
July/August (4) 137–174
September/October (5) 175–212
November/December (6) 213–252

TITLE INDEX

Acoustic Dispersion and Attenuation in Toners
W. Imaino and A. C. Tam, 213
Aluminum Hydride Photographic Process
Yu. I. Mikailov, V. V. Boldyrev, and Yu. G. Galitsyn, 28
"AMEN" Imaging: The Last Word in Nonsilver Photography?
M. C. Tam, P. S. Vincett, A. L. Pundsack, P. H. Soden, G. J. Kovacs, and D. S. Ng, 217
A Study of Charge Separation Process in Spectral Sensitization through Its Temperature Dependence
T. Tani, 150
Charge Propagation in Organic Media
M. R. V. Sahyun, 185
Chemiluminescence: A Method for the Determination of Trace Amounts of Hydrogen Peroxide in Photographic Plastics
S. H. Ehrlich, 226
Colloidal and Transport Properties of Electrostatically Based Liquid Developers
M. Croucher, S. Drappel, J. Duff, G. Hamer, K. Lok, and R. Wong, 119
Computer Modeling Studies of the Photographic Process. II. Reciprocity Behavior and Statistical Considerations
M. R. V. Sahyun, 157
Cross-linking Photoresists: Effect of Frequency of Radiation on Uniformity of Cross-Linking and Contrast
V. Srinivasan and S. V. Babu, 175
Development of Solids and Background Areas by Polarized Toner
J. Bares, 111
Diffusion of Processing Components in Emulsion Layer Versus Depthwise Development
D. D. F. Shiao, 233
Electroreduction of ZnO in Nonaqueous Dispersion: Detection by Microwave Absorption and EPR Spectroscopy
J. R. Harbour and M. J. Walzak, 224
Fast Photoelectron Kinetics in Silver Bromide Emulsions
R. J. Deri and J. P. Spoonhower, 92
Growth Mechanism and Size Distribution of AgBr Tabular Grains
T. Sugimoto, 137
High-Speed Photothermographic Diazo Films Containing Leuco Dyes and Nitrate Salts: Part A—Sensitometry
J. M. Winslow, 125
Hypersensitization of Gelatin Silver Chlorobromide Photographic Layers with Thallium(I)-EDTA
M. Todorova and A. Stankova, 207
Image Structure and Deterioration in Albumen Prints
J. M. Reilly, N. Kennedy, D. Black, and T. Van Dam, 166
Incorporation of Spectral Sensitizing Dyes into Large AgBr Crystals
J. E. Maskasky, 202
Influence of the Hardness of Photopolymerizable Coatings on the Image Quality of LaserVision Video Discs Made by the 2P Process
A. J. M. van den Brook and P. E. J. Legierse, 128
In Memoriam—Ansel Adams
J. McCann, 91
Kinetics of a Releasable Antifoggant
J. B. Mahoney and K. S. Norland, 199
Magnetically Driven Flow of Monocomponent Toner
M. H. Lee, W. Imaino, and D. Brandt, 24
Mechanisms and Models for Latent Image Formation
G. Bürge, 46
Mechanistic Studies of Silver Image Stability. 1. Redox Chemistry of Oxygen and Hydrogen Peroxide at Clean and at Adsorbate-Covered Silver Electrodes
E. S. Brandt, 1
Mechanistic Studies of Silver Image Stability. 2. Iodide Adsorption on Silver in the Presence of Thiosulfate and the Influence of Adsorbed Iodide on the Catalytic Properties of Silver Toward Hydrogen Peroxide
E. S. Brandt, 13
Optical Characterization of the Daguerreotype
M. S. Barger and W. B. White, 172
Photographic Enlarging: A History
E. Ostroff, 54
Photoresponsive Membranes Incorporating 6-Substituted 1′,3′,3′-Trimethylspiro-(2*H*-1-Benzopyren-2,2′-Indolines)
I. R. Bellobono, B. Marcandalli, E. Selli, and S. Caltgari, 162
Reduction Sensitization as a Promoter of Latent Image Formation and as a Halogen Acceptor
K. Starbova, 245
Spatial Distribution of Current from Wire-Plane Coronas
P. J. Walsh, C. F. Gallo, and W. Lama, 109
Spectral Sensitization by Energy Transfer
R. Steiger, 35
Surface Dependence of Sulfur, Gold, and Sulfur-Plus-Gold Chemical Sensitizations
A. P. Marchetti, S. S. Collier, and N. P. Crews, 146
Surface Potential Changes due to Photographic Agents
W. K. Lam, L. Richter, and Y. T. Tan, 98
Swelling of Dichromated Gelatin Film
S. Sjölinder, 180
The Design of *p*-Type Photoreceptors Using an Organic Photoconductor
I. Photoconduction Properties of Perylene Pigment Dispersed in Poly *N*-Vinyl Carbazol
N. C. Khe, S. Yokota, and K. Takahashi, 191
II. The Photo-Conduction Properties of Diazo Pigment Uniformly Embedded in a Polymer Matrix
N. C. Khe, O. Takenouchi, T. Kawara, H. Tanaka, and S. Yokota, 195
The Effect of Temperature, Chemical Treatment, and Illumination on the Surface Potential of Evaporated AgBr Film
J. Assa, P. Müller, and F. Granzer, 43
The Influence of Environment on the Spectral Sensitization of Conduction- and Nonconduction-Band Events
P. B. Gilman, Jr. and T. L. Penner, 238
The Negative Corona Current Distribution for a Long Pin-to-Plane Geometry
P. J. Walsh, K. W. Pietrowski, and R. S. Sigmond, 101
Time Dependent Charge Transport in Monocomponent Toner
M. H. Lee and W. Imaino, 19
Two-Dimensional Noise Power Spectra of Radiographic Screen-Film Systems
J. Vranckx, P. Breesch, and M. De Belder, 134

AUTHOR INDEX

Assa, J., P. Müller, and F. Granzer
The Effect of Temperature, Chemical Treatment, and Illumination on the Surface Potential of Evaporated AgBr Films, 43
Babu, S. V. *See* Srinivasan, V., 175
Bares, J.
Development of Solids and Background Areas by Polarized Toner, 111
Barger, M. S. and W. B. White
Optical Characterization of the Daguerreotype, 172
Bellobono, I. R., B. Marcandalli, E. Selli, and S. Calgari
Photoresponsive Membranes Incorporating 6-Substituted 1′,3′,3′-Trimethylspiro-(2*H*-1-Benzopyran-2,2′-Indolines), 162
Black, D. *See* Reilly, J. M., et al., 166
Boldyrev, V. V. *See* Mikhailov, Yu. I., et al., 28
Brandt, D. *See* Lee, M. H., et al., 24
Brandt, E. S.
Mechanistic Studies of Silver Image Stability.
1: Redox Chemistry of Oxygen and Hydrogen Peroxide at Clean and at Absorbate-Covered Silver Electrodes, 1
2: Iodide Adsorption on Silver in the Presence of Thiosulfate and the Influence of Adsorbed Iodide on the Catalytic Properties of Silver Toward Hydrogen Peroxide, 13
Breesch, P. *See* Vranckx, J., et al., 134
Bürge, G.
Mechanisms and Models for Latent Image Formation, 46
Calgari, S. *See* Bellobono, I. R., et al., 162
Collier, S. S. *See* Marchetti, A. P., et al., 146
Crews, N. P. *See* Marchetti, A. P., et al., 146
Croucher, M., S. Drappel, J. Duff, G. Hamer, K. Lok, and R. Wong
Colloidal and Transport Properties of Electrostatically Based Liquid Developers, 119
De Belder, M. *See* Vranckx, J., et al., 134
Deri, R. J. and J. P. Spoonhower
Fast Photoelectron Kinetics in Silver Emulsions, 92
Drappel, S. *See* Croucher, M., et al., 119
Duff, J. *See* Croucher, M., et al., 119
Ehrlich, S. H.
Chemiluminescence: A Method for the Determination of Trace Amounts of Hydrogen Peroxide in Photographic Plastics, 226
Galitsyn, Yu. G. *See* Mikhailov, Yu. I., et al., 28
Gallo, C. F. *See* Walsh, P. J., et al., 109
Gilman, P. B., Jr. and T. L. Penner
The Influence of Environment on the Spectral Sensitization of Conduction- and Nonconduction-Band Events, 238
Granzer, F. *See* Assa, J., et al., 43
Hamer, G. *See* Croucher, M., et al., 119
Harbour, J. R. and M. J. Walzak
Electroreduction of ZnO in Nonaqueous Dispersion: Detection by Microwave Absorption and EPR Spectroscopy, 224
Hoffman, A.
Letter to the Editor
Comments on: Redistribution of Development Centers after Sulfur Sensitization, V. Zhelev and Y. Astrov, 252
Imaino, W. and A. C. Tam
Acoustic Dispersion and Attenuation in Toners, 213
See Lee, M. H., 19
See Lee, M. H., et al., 24
Kawara, T. *See* Khe, N. C., et al., 195
Kennedy, N. *See* Reilly, J. M., et al., 166
Khe, N. C., O. Takenouchi, T. Kawara, H. Tanaka, and S. Yokota
The Design of *p*-Type Photoreceptors Using an Organic Photoconductor:
II. The Photo-Conduction Properties of Disazo Pigment Uniformly Embedded in a Polymer Matrix, 195
—; S. Yokota, and K. Takahashi
The Design of *p*-Type Photoreceptors Using an Organic Photoconductor:
1. Photoconduction Properties of Perylene Pigment Dispersed in Poly *N*-Vinyl Carbazol, 191
Kovacs, G. J. *See* Tam, M. C., et al., 217
Lam, W. K., L. Richter, and Y. T. Tan
Surface Potential Changes due to Photographic Agents, 98
Lama, W. *See* Walsh, P. J., et al, 109
Lee, M. H. and W. Imaino
Time Dependent Charge Transport in Monocomponent Toner, 19
—; W. Imaino, and D. Brandt
Magnetically Driven Flow of Monocomponent Toner, 24
Legierse, P. E. J. *See* van den Broek, A. J. M., 128
Lok, K. *See* Croucher, M., et al., 119
Mahoney, J. B. and K. S. Norland
Kinetics of a Releasable Antifoggant, 199
Marcandalli, B. *See* Bellobono, I. R., et al., 162
Marchetti, A. P., S. S. Collier, and N. P. Crews
Surface Dependence of Sulfur, Gold, and Sulfur-Plus-Gold Chemical Sensitizations, 146
Maskasky, J. E.
Incorporation of Spectral Sensitizing Dyes into Large AgBr Crystals, 202
McCann, J.
In Memoriam—Ansel Adams, 1902–1984, 91
Mikhailov, Yu. I., V. V. Boldyrev, and Yu. G. Galitsyn
Aluminum Hydride Photographic Process, 28
Müller, P. *See* Assa, J., et al., 43
Ng, D. S. *See* Tam, M. C., et al., 217
Norland, K. S. *See* Mahoney, J. B., 199
Ostroff, E.
Photographic Enlarging: A History, 54
Penner, T. L. *See* Gilman, P. B., Jr.
Pietrowski, K. W. *See* Walsh, P. J., et al., 101
Pundsack, A. L. *See* Tam, M. C., et al., 217
Reilly, J. M., N. Kennedy, D. Black, and T. Van Dam
Image Structure and Deterioration in Albumen Prints, 166
Richter, L. *See* Lam, W. K., et al., 98
Sahyun, M. R. V.
Charge Propagation in Organic Media, 185
Computer Modeling Studies of the Photographic Process. II. Reciprocity Behavior and Statistical Considerations, 157
Selli, E. *See* Bellobono, I. R., et al., 162
Shiao, D. D. F.
Diffusion of Processing Components in Emulsion Layer Versus Depthwise Development, 233
Sigmond, R. S. *See* Walsh, P. J., et al., 101
Sjölinder, S.
Swelling of Dichromated Gelatin Film, 180
Soden, P. H. *See* Tam, M. C., et al., 217
Spoonhower, J. P. *See* Deri, R. J., 92
Srinivasan, V. and S. V. Babu
Cross-Linking Photoresists: Effect of Frequency of Radiation on Uniformity of Cross-Linking and Contrast, 175
Stankova, A. *See* Todorova, M., 207
Starbova, K.
Reduction Sensitization as a Promoter of Latent Image Formation and as a Halogen Acceptor, 245
Steiger, R.
Spectral Sensitization by Energy Transfer, 35
Sugimoto, T.
Growth Mechanism and Size Distribution of AgBr Tabular Grains, 137
Takahashi, K. *See* Khe, N. C., et al., 191

Takenouchi, O. *See* Khe, N. C., et al., 195
Tam, A. C. *See* Imaino, W., 213
Tam, M. C., P. S. Vincett, A. L. Pundsack, P. H. Soden, G. J. Kovacs, and D. S. Ng
"AMEN" Imaging: The Last Word in Nonsilver Photography?, 217
Tan, Y. T. *See* Lam, W. K., et al., 98
Tanaka, H. *See* Khe, N. C., et al., 195
Tani, T.
A Study of Charge Separation Process in Spectral Sensitization through Its Temperature Dependence, 150
Todorova, M. and A. Stankova
Hypersensitization of Gelatin Silver Chlorobromide Photographic Layers with Thallium(I)EDTA, 207
Van Dam, T. *See* Reilly, J. M., et al., 166
van den Broek, A. J. M. and P. E. J. Legierse
Influence of the Hardness of Photopolymerizable Coatings on the Image Quality of LaserVision Video Discs Made by the 2P Process, 128
Vincett, P. S. *See* Tam, M. C., et al., 217
Vranckx, J., P. Breesch, and M. De Belder
Two-Dimensional Noise Power Spectra of Radiographic Screen-Film Systems, 134
Walsh, P. J., C. F. Gallo, and W. Lama
Spatial Distribution of Current from Wire-Plane Coronas, 109
—; K. W. Pietrowski, and R. S. Sigmond
The Negative Corona Current Distribution for a Long Pin-to-Plane Geometry, 101
Walzak, M. J. *See* Harbour, J. R., 224
White, W. B. *See* Barger, M. S., 172
Winslow, J. M.
High-Speed Photothermographic Diazo Films Containing Leuco Dyes and Nitrate Salts: Part A—Sensitometry, 125
Wong, R. *See* Croucher, M., et al., 119
Yokota, S. *See* Khe, N. C., et al., 191
See also Khe, N. C., et al., 195